

NAGY, Zoltan; SAMSONI, Zoltan; HEWKO, Karoly

Logarithmic optical light filter for quantitative emission spectrum analysis. Magy fiz folyoir 10 no.5:333-338 '62.

1. Debreceni Orvostudományi Egyetem Központi Kutató Laboratóriuma
és a Magyar Tudományos Akadémia Atommag Kutató Intézete, Debrecen.

LABOS, Elemer; NAGY, Imre Zs.; BENKO, Karoly; SALANKI, Janos

Electrophysiological and electron microscopic studies on
the fibre composition of the cerebrovisceral connective of
Andonta cygnea L. *Annales biol Tihany* 30:59-65 '63.

1. Department of Anatomy. Histology and Embryology, Medical
University of Debrecen (for Nagy). 2. Central Research
Laboratory, Medical University of Debrecen (for Benko).
3. Director, Tihany Research Institute of Biology. Hungarian
Academy of Sciences (for Salanki).

HUNGARY

SZABOLCS, Marton, KOVER, Andras, ZENKO, Karoly; Central Laboratory and Institute of Physiology, Medical University, Debrecen (Orvostudományi Egyetem Kózponti Laboratóriuma és Elektromi Intézete, Debrecen).

"Studies on the Physicochemical and Enzymochemical Properties of Structural Proteins Extracted From Fish Muscle. II. The Effect of Changes in the Conditions of Extraction on the Homogeneity and Enzymatic Activity of Fish Myosin Preparations."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 3, 1967, pages 239-245.

Abstract: [English article; Authors' English summary] The myosin preparations extracted from the skeletal muscle of *Axiurus nebulosus* have been studied. It has been found that, unlike rabbit myosin, fish myosin represents a labile structure insofar as even changes in the conditions for extraction and fractionation lead to the appearance of components having lower sedimentation coefficients. It has also been shown that not the whole myosin molecule, but only

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Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol
XXIII, No 3, 1953, pages 239-244.

a small fraction of it is responsible for the cholinesterase activity.
Using Mg^{++} during fractionation made possible the isolation of the
fraction responsible for cholinesterase activity and its identification
with other structural proteins. 4 Hungarian, 23 Western references.

[2/2

NAGY, Zoltan; SAMSONI, Zoltan; BENKO, Karoly

Combined variable light transmission filter adapter for optical spectroscopy. Magy kem folyoir 70 no.12:549-551 D '64.

1. Central Research Laboratory of the Debrecen Medical University (for Nagy). 2. Nuclear Research Institute of the Hungarian Academy of Sciences, Debrecen (for Samsoni and Benko).

FOLDES, I.; NAGY, I.Zs.; BENKO, K.; LEVAI, G.; ARY-MAICSI, P.

Electron microscopic studies on the postembryonal epiphyseal cartilage in albino rats. Acta morph. acad. sci. Hung. 13 no.4:283-299 '65.

1. Institut für Anatomie, Histologie und Embryologie und Zentrales Forschungslaboratorium der Medizinischen Universität, Debrecen. Submitted June 28, 1963.

HUNGARY

SZILAGYI, Tibor, and MILTENYI, Laszlo, Institute of Pathophysiology at the Medical University (Director: KESZTYUS, L.); LEVAL, Geza, of the Institute for Anatomy at the Medical University (Director: KROMPECHER, I.); and BENKO, Karoly, of the Central Laboratory at the Medical University (Director: BENKO, K.) in Debrecen [original-language versions not given].

"Intravascular Precipitate Formation During Anaphylactic Shock in the Guinea Pig"

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol. 12, No 1, 2 Jun 1966, pp 71-78.

Abstract: [English article] The studies reported had the aim of clarifying whether pulmonary intravascular precipitate formation during anaphylaxis in the guinea pig had any anaphylactogenic function. Ferritin, having high electron density and thus suitable for electron-microscopic studies, was used. The absence or mild course of anaphylactic shock in guinea pigs with a high serum antibody level validated the cellular theory of anaphylaxis. The formation of intravascular precipitate during anaphylactic shock should be regarded as a secondary effect with no pathogenetic role. 12 references, including 1 German, 7 Hungarian, and 4 Western. (Manuscript received 4 Dec 1965).

1/1

- 18 -

MEL'NIKOV, G.B.; BEN'KO, E.I.; CHAPLINA, A.M.; ZBITSKAYA, N.V.

Hydrobiological features of ponds in Dnepropetrovsk Province and the
nutrition of young carp. Izv. vuz. ser. biol. no. 1:39-48 '51. (MIRA 9:7)
(Dnepropetrovsk Province--Fresh water biology)(Dnepropetrovsk Province--
Carp)

BEN'KO, E.I.

Feeding of the Black Sea mysids in the Karadag region. Trudy
Karad. biol. sta. no.17:102-109 '61. (MIRA 15:5)
(Karadag region (Crimea)--Mysidae)

BENKO, K.I.

Food of Black Sea mysids. Vop. okean. 11-12 '62. (MIRA 16:6)

1. Biologicheskaya stantsiya AN UkrSSR, Karadag.
(Black Sea--Mysidae)

BENKO, L.

TECHNOLOGY

KOZLEKEZESI KOZLONY (Hungary, Kozponti Szallitasi Tarsas. Budapest.)

BENKO, L.: A new method for the rate calculation of hour-kilometer-rate in the Truck Transportation Rate. p. 878.

Vol. 14, no. 52, Dec. 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

NOVAKO, Istvan; BEHAR, Lazar

Measurement of energy stored in polymer by means of calorimetry
by means of adiabatic calorimetry. No. 11. 1964. 31
no. 1:31-44. 1964.

1. Chair of Experimental Physics, University of Budapest,
Hungary.

SENKO, László

Modeling by means of co-ordinate system. For clip 13 no.6:187-189
N 103.

1. Szombathelyi Cipogyar.

BENKO, Laszlo, dr.

Mathematical methods for the tariff simplification. Kodexed No. 1
20 no. 33:555-559 16 Ag '64.

BENKO, Lorand, a nyelvészeti tudományok doktora, egy. tanár(Budapest)

Problems of nationalism and cosmopolitanism in teaching the Hungarian
(native language) at universities. Magy tud 68 no.7/8:403-414 J2-Ag
'61.

1. Eotvos Lorand Tudományegyetem, Budapest.

BEN'KO, M.

Hydrographic ships, Voen. snan. 33 no.3:25-26 Mr '57. (MLRA 10:6)
(Hydrography) (Ships)

BENKO, M.

BENKO, M. Current problems of planning and building of villages in
Czechoslovakia. I. (To be contd.) p. 4. Vol. 6, no. 10, Oct. 1956
BEDNARCIKOW WIEJSKIE. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4—April 1957

BENKO, M.

BENKO, M. Current problems of the planning and building of villages in Czechoslovakia.
p. 5

Vol 8, no. 11, Nov. 1956
BUDOWNICTWO WIEJSKIE
AGRICULTURE
Warszawa, Poland

So: East European Accession vol 6, no. 3, March 1957

BIENKO, M.

BIENKO, M. Current problems of planning and building of villages in Czechoslovakia. III. p. 4. Vol. 8, no. 12, Dec. 1957. ENTOURAGES WILKIEI. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1958

LENKO, H.

Some actual problems of planning the rural development. (To be contd.) p.2.

(BULGARIAN JOURNAL. Vol. 9, No. 4, April, 1957. Warsaw, Poland)

SO: Monthly List of East European Accessions (JML) 10, Vol. 6, No. 10, October 1957, Encl.

DANIEL, J.

Some actual problems of planning the rural development. II. p.3.

(POLSKIE WIEJSKIE. Vol. 9, No. 5, May 1977. Warszawa, Poland.)

SC: Monthly List of East European Accessions (LAC) 22, Vol. 1, No. 1, October 1977. Encl.

BENKO, Marian

Current problems of rural settlements in Poland. Magyar ipar 10 no.12:
555-559 D '61.

1. Lengyel Népkoztársaság Építőipari, Városrendezési és Építőművészeti
Bizottságának elnökhelyettese.

PICHATIN, A.A., inzh.; BEM'KO, M.P.; KAMENSKIY, V.K.; KARTASHEV, R.D.;
SUTYRIN, M.A.; PADLYEV, V.G., red.; IGOSHIN, M.G., red.; KARYAKINA,
M.S., tekhn.red.

[Manual for helmsmen for lifesaving cutters] Posobie motoristu-
rulevomu spasatel'nogo katera. Moskva, 1957. 188 p. (MIRA 11:5)

1. Vsesoyuznoye dobrovol'noye obshchestvo sodeystviya armii,
aviatsii i flotu.

(Navigation) (Motorboats)

DERBINOV, I.V.; GRISHIN, M.P.; BEN'KO, M.P.

Brief, critical outline of current concepts of the tectonics of
the mantel and foundation of the Western Siberian Lowland. Trudy
SNIIGIMS no.11:5-28 '60. (MIRA 14:5)

(Siberia, Western--Geology, Structural)

USOV, V.V., doktor tekhn. nauk; HEN'KO, P.A., inzh.; MURAV'YEVA, Ye.M., inzh.;
POVOLOTSKAYA, M.D., inzh.

Silver-nickel contacts for electrical apparatus. Vest. elektroprom.
27 no.8:5-11 zg '66. (MLRA 10:9)

1. Nauchno-issledovatel'skiy institut Natsionalnaya elektrotekhnicheskoy promyshlennosti.

(Electric contactors)

ERDI, Pal, Dr.; BENKO, Sandor

Experiences in visiting the Congress at Santa Croce Sull'Arno
and the Fair of Vigevano. Bor cipo 10 no.1:17-23 Ja '60.

1. Ujpesti Borgyar (for Erdi). 2. Bor- es Cipoipari Igazgatosag
(for Benko).

117 AND 118 122113		100 AND 101 122113	
PROCESSES AND PROPERTIES MOSES			
Investigations on the diazo reaction of the blood serum of some domestic animals. Sándor Benkő, <i>Arztw. wch. (Szombathelyi Felt.)-Adrian Kóvcs 29, 111-12 (1941).</i> Bilirubin detns. were made in the blood serum or in the white-contg. blood plasma of horses, pigs, cattle and dogs. Positive reaction was obtained only in horse and pig serum. The blood serum seems to contain more bilirubin than does the plasma. The age and sex of the animal had no effect on the bilirubin content. If pig bile was mixed with blood serum the original bilirubin content of the bile could not be detd. in the serum. This shows that bilirubin is chiefly bound by the globulins. S. S. de Finaiv			
ASAC-11.4 METALLURGICAL LITERATURE CLASSIFICATION			
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10000 122113		10000 122113	

The behavior of cytochrome c in various types of shock: 1. Sanguinolent shock (V. V. Seleznev, (Moscow), *Magyar Orvosi Arch.*, 40, 263 (1956-1957), *Chem. Zvest.* 1954, 11, 267). Cytochrome c dials were made in the skeletal and the heart musculature of dogs by the Janovsky-Kochalsky-Hogness method (cf. *C. C.* 33, 734-743). Blood poisoning, such as PhNH₂Cl, benzene, and Pb, caused a very great reduction of cytochrome c in the skeletal musculature in addition to a sharp reduction of the hemoglobin. Other general protoplasmic poisonings, as As and P, caused a reduction in the erythrocytes, but not only in cases where there was a simultaneous liver existing anemia. After withdrawal of blood from rats in which damage to the bone marrow and blood formation was still relatively insignificant, the amount of cytochrome c decreased only slightly. A withdrawal of cytochrome c observed only slightly in a control of the origin of hemoglobin in the organism is assumed on the basis of these results. Ph poisoning causes deep-seated damage to the bone marrow, which reduces the formation

of human derived, and produces pathologic changes, resulting in a pronounced anemia and purpura cutanea. The porphyria then disappeared after the administration of neostigmine, especially when combined with the above therapy, but such treatment had slight effect on the damage to the bone marrow which resulted in the anemia and the cytochrome deficiency. The heart muscle is restored its cytochrome content more rapidly than the skeletal musculature, only in case of the heart. The foregoing was therefore an appreciable reduction of cytochrome in the heart musculature. In these conditions, as well as there is a serious anemia and the serious cellular degeneration, a part of the general symptoms is probably due to disappearance of cytochrome.

M. G. Miron

ASME-STEEL METALLURGICAL LITERATURE CLASSIFICATION

FROM SLURRIAGE

© 2006 Blackwell Publishing Ltd *Journal of Internal Medicine* 260: 353–361

1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812

[illegible]

REF: C.
(1777)

Step of the experiment, helygyorgyazati klinikaiank, or Helygyorgyazati Klinikaiank.
The first part of the experiment is the determination of the clot retraction (clot retraction)
Archivum 1949, 1/4 (221-224) Gersh 2

Three glass beads are put into Wassermann tubes (total vol. 1.3 ml) and 3 ml. blood
is pipetted. After coagulation, the clot is separated by a thin glass rod from the
wall of the tube. The tubes are kept at a constant temperature (30-37°C.). 2 ml.
mixture of carbon tetrachloride and benzene of specific gravity 1.20 is pipetted under
the clot. The clot remains at the bottom and the serum is pipetted from the surface
with a Pasteur pipette after five minutes. The quantity of serum can be measured
gravimetrically or volumetrically. Working with several tubes, ensuring one to
every hour, a retraction curve is obtained. Retraction of the blood clot is mainly a
function of the platelets. From platelet count and retraction that can be seen,
whether a thrombocytopenia is due to diminution or to decreased function of platelets. If
platelets are removed by centrifugation, serum extracts and serum cannot replace
their function in clot-retraction, but they can accelerate retraction in the presence
of platelets.

Alone - Thrich

See: Excerpta Medica, Vol. II, No. 3, Sect. II, March 1949

11-7

The change of the potassium content of serum under the influence of injections of liver extracts. *Shadok, Benko and Kataia S. Stró (Tudományegyetem Belgyógyászati Katedra, Budapest, Hung.). Orvosi Hetilap 91: 70-80 (1948).* Injections of liver exts. increased the K content of serum 18% in normal persons, 58% in secondary anemia, and 11.7% in pernicious anemia. The max. values were observed 12-24 hrs. after the injection. After 36-48 hrs. K contents return to normal. The increase of K content is not due to the K content of liver exts., since intramuscular injections of even greater quantities of K as KCl soln. did not affect the K level of serum. Liver exts. are supposed to contain substances that accelerate the maturation of red blood corpuscles so that they more quickly excrete a part of their K content. This mechanism does not work well in pernicious anemia. I. Finally

Sz. Szeged
BENKO, J. 1949

(Innere Klinik und Physiologisches Inst. der U. Szeged)

"Measurement of Retraction of the Blood Clot."

Wiener Klinische Wochenschrift 1949, 61/27(428-429)
Abst: Exc. Med. 11, Vol. 111, No. 2, p. 193

CAP

116

Influence of experimental local medullary hypoxia on the
number of red blood corpuscles. Szabolcs Benke, Gyula
Peto, Anna Maria Fodor, Gergely Kardos, Tamas Szabo,
Mihaly Buntak, and Gergely Hecsegyi (Univ. Szeged, Hung.
Acta Med. Acad. Sci. Hung. 1, 21-27 (1959) in English.
Exptl. local medullary hypoxia was produced in the li-
mbs of dogs by either ligation of the nutritive artery or by
injection of KCN. Medullary hypoxia in a small area
caused a considerable increase in the no. of red blood cor-
puscles. It is suggested that a kind of humoral substance
might be released in the medulla causing release into cir-
culation of the red blood corpuscles stored in the medulla
and other places. Erythrosis due to hypoxia of the bone
marrow is thus of humoral origin. Istvan Fudaly.

FINKE, S. 1951

(Pharm. Inst., U. of Szeged)

"Mechanism of Histamine Desensitization."

Acta Physiol (Budapest), 1951 2/1 suppl. (51-52)
No abst. in Exc. Med.

1971, 2.
(1971)

Her. and gastroach. Clin., showed the effect of profractal (and that of gastric acid secretion beta cell. (Budapest) 1971, 2/2 (1971-1972)
Investigations in dogs and human patients demonstrate that profractal has very distinct effect on acid-secreting activity of the gastric glands. The effect of drugs such as caffeine, histamine and insulin are also studied. There is evidence that the profractal contains a certain number of cells.

1971 - 1971/1/1/1

1971 - 1971/1/1/1 - 1971 - 1971/1/1/1 - 1971 - 1971/1/1/1

BENKO, S.; SZEITZ, K.

Transplantable rat tumor. Kiserlates Orvostud. 3 no. 5:392 1951.
(CLM, 21:3)

1. Doctor for Benko. 2. Internal Diseases Clinic, Szeged University.

VARGHA, M.; BENKO, S.; HETENYI, G.

~~Unpublished~~
Effect of prefrontal leukotomy on gastric acidity. *Magy. belorv. arch.*
4 no.3:108-114 1951. (CML 21:1)

1. Doctors. 2. First Internal Clinic (Director--Prof. Dr. Geza Hetenyi)
and Neuro-Psychiatric Clinic (Director--Prof. Istvan Hussak), Szeged
Medical University.

KARADY, I.; SZERDAHELYI, M.; HENKO, S.; BIKICH, G.; BORBOLA, J.

Investigations on the mechanism of histamine resistance. Magy. Belorv.
Arch. 4 no.4:146-149 1951. (CIMI 21:4)

1. Institute of Pathology (Director--Prof. Dr. Istvan Karady) and
First Internal Clinic (Director--Prof. Dr. Geza Hetenyi) of Szeged
Medical University.

BENKO, S.; VARGHA, M.; HETENYI, G.

Effect of leukotomy on atophan ulcer in dogs. Magy. belorv. arch. 5
no.1:23-26 Mar 1952. (CJML 25:4)

1. Doctors. 2. Clinic for Internal Diseases (Director -- Dr. Gasa Hetenyi)
and Psychiatric and Neurological Clinic (Director -- Dr. Istvan Hunzak)
of Szeged Medical University.

DINKO, S.

Hematological effect of tetraethylammonium-bromide; preliminary note.
Gy. hetil. 94 no. 1:16-17 4 Jan 1953. (CLML 24:1)

1. Doctor. 2. First Internal Clinic (Director -- Prof. Dr. Gesa Hetenyi),
Szeged University.

Benko, S

BENKO, S; VARGAS, I.; METSNYI, G.

Effect of frontal leukotomy on gastric secretion and on atophan
ulcer in dogs. Acta neuroveget. 8 no.3:340-361. 1954. (CML 26:3)

1. Of the First Medical Clinic (Director--Prof. Gesa Hetenyi, M.D.)
and of the Neuropsychiatric Clinic (Director--Prof. Istvan Pusnak,
M.D.), Szeged University.

BENKO, Sandor, dr.; BENTZIK, Mihaly, dr.; BISNER, Anna, dr.; SOLTESZ,
Rozsa, dr.

Studies on the mechanism of action of experimental local bone marrow hypoxia with special reference to the role of the autonomic nervous system. Magy. belorv. arch. 7 no.5: 145-149 Oct. 54.

I. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának közleménye (Igazgató: Hstenyi Geza dr. akadémikus egyetemi tanár)
(POLYCYTHEMIA, exper.

prod. by anoxia, eff. of tetraethylammonium bromide & hemilateral lumbar ganglionectomy)

(TETRAETHYLAMMONIUM, eff.

on exper. anoxia-induced polycythemia)

(GANGLIA, AUTONOMIC, eff. of excis.

on anoxia-induced polycythemia)

(ANOXIA, exper.

causing polycythemia, eff. of tetraethylammonium bromide & hemilateral lumbar ganglionectomy)

BENKO, Sandor dr.

Autoaggressive diseases. *Magy. belorv. arch.* 7 no.6:161-171 Dec 54

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinika-jának
közlimnye. (Igazgató: Hetenyi Géza dr. akadémikus, egyetemi
tanár).

(ALLERGY,

autallergic dis. (Hun)

(ANTIGENS AND ANTIBODIES,

autoallergic & autoaggressive dis. (Hun)

BENKO, Sandor, dr.

Principles of functional diagnosis of the bone marrow. Orv. hetil.
95 no.25-26:694-700 24 June 54

1. A Szegedi I. sz. Belgyógyászati Klinikának (igazgató: Hetenyi
Géza dr. akadémikus, egyet. tanár) közleménye
(BONE MARROW, function tests)

BENKO, Sándor, dr.; PARKAS, Attila, dr.; GULYAS, Lajos, dr.

Effect of capillary injuries on the number of thrombocytes. Orv.
hetil. 95 no.29:800-801. 17 July 55.

1. A Szegedi Orvostudományi Egyetem I.sz. Belklinikájának (igazgató:
Hetényi Géza dr. egyetemi tanár, akadémikus) közleménye.

(BLOOD PLATELETS,

count, eff. of capillary inj.)

(CAPILLARIES, wounds and injuries, eff. on blood platelet count)

(WOUNDS AND INJURIES,

capillaries, eff. on blood platelet count)

~~BENKO, Sándor, dr., egyet. docens, az orvostud. candidatusa~~

Clinics of immune hemolysis. Orv. hetil. 97 no.35:953-956
26 Aug 56.

1. Z Szegedi Orvosegyetem I. sz. Belklinikájának (igazgató:
Hetényi, Gera, dr. egyet. tanár) közleménye.

(ANEMIA, HEMOLYTIC, etiol. & pathogen.

autoantibodies (Hun))

(ANTIBODIES

autoantibodies in etiol. of hemolytic anemia (Hun))

BENKO, Sándor; ABRÁNYI, Endre; VARGHA, Miklós

Therapy of autonomic crisis with hibernating drugs. Orv. hetil.
97 no.43:1195-1197 22 Oct 56.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati
Klinikájának, Sebészeti-Mutatói Intézetének, és Ideg-
Megbetegedések Klinikájának közleménye.

(DIENCEPHALON, dis.

dysfunct., ther. by chlorpromazine & 10-(N-methyl-3-
piperidylmethyl)phenothiazine (Hun))

(CHLORPROMAZINE, ther. use

diencephalon dysfunct. (Hun))

(PHENOTHIAZINE, related cpds.

10-(N-methyl-3-piperidylmethyl)phenothiazine ther. in
diencephalon dysfunct. (Hun))

(AUTONOMIC DRUGS, ther. use

10-(N-methyl-3-piperidylmethyl)phenothiazine, in
diencephalon dysfunct. (Hun))

BENKO, Sándor; SZUCS, Zsuzsanna; RAK, Kálmán

Loading tests in examination of reticulocytosis in healthy dogs and in dogs with bone marrow lesions. *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl.* 8 no.1-2:147-149 1957.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikája.
(ERYTHROCYTES

reticulocytosis in healthy dogs & in exper. lesions of bone marrow, testing in exper. anoxia (Hun))

(BONE MARROW, physiol.

eff. of exper. lesions on reticulocytosis in dogs, testing in anoxia (Hun))

(ANOXIA, exper.

in testing of reticulocytosis in dogs (Hun))

COUNTRY : HUNGARY
 CATEGORY : Pharmacology and Toxicology. Toxicology
 ABST. SOUR. : Kiselet., No. 1 1959, No. 4741
 AUTHOR : Benko, S.; Kovacsno, P. K.; Kecse, N. J.*
 TITLE : Effects of Organic Fluorine Compounds and Cytostatic Mannite Derivatives upon Leukocytosis Caused by Antinuclear Serum
 ORIG. PUB. : Kiselet. orvostud., 1957, 9, No 1, 35-42
 ABSTRACT : The effects of the derivatives of fluorine upon leukocytes produced by antinuclear serum were studied. N,N-dimethyl-2-fluoroethyl urethane and fluorophenyl urethane are toxic; their use led to the development of pulmonary edema. Disopropyl fluorophosphate increased the appetite in

*Sellei, C.

CARD: 1/2

47

COUNTRY	:	
CATEGORY	:	V
ABST. JOUR.	:	Rehabil., No. 1 1959, No. 4742
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT cont'd.	:	all six animals, promoted gain in weight and did not prevent the development of leukocytosis after the introduction of the serum. In 4 dogs which received the serum, 1,6-dichloroethylamine- 1,6-desoxy-d-mannite dihydrochloride exerted an effect analogous to that of yperite; leukocytosis did not develop.-- From the authors' summary
CARD:	:	2/2

EXCERPTA MEDICA Sec.16 Vol.6/3 Cancer March 58

BENKŐ, S.

894. *The growth of Guérin and Ehrlich tumours during the various phases of the general adaptation syndrome* A Guérin-tumor és az Ehrlich-tumor növekedése az általános adaptációs syndroma különböző fázisaiban. BENKŐ S. and BENCZE G. Szegedi I. sz. Belgyógyászati Klin., Szeged *Kísér. Orvostud.* 1957, 9/1 (42-50) Graphs 2

The extent was determined to which Guérin and Ehrlich tumours implanted during various phases of the general adaptation syndrome are capable of growth. The shock phase was produced by cold stress and a single injection of tonogen. The experiment covered 34-34 rats and 27-27 mice. It showed that none of the tumours differed in growth from those in control animals during this phase. The resistant phase was produced by tonogen injections given for 20 days. Results of this experiment in

894

19-19 rats and 10-10 mice showed a considerable increase in tumour growth during this phase (significant difference in excess of 3). Tonogen injections throughout 33 days produced a condition of transition to the exhaustion phase in 20 test animals. There was no characteristic increase in tumour growth during this phase. It is presumed that the resistant phase, like administration of ACTH and cortisone, promotes the growth of the investigated tumours.

EXCERPTA MEDICA Sec.16 Vol.6/2 Cancer February 58

BENKŐ S.

409. *Experimental gastric tumours in rats* Kísérleti adatok a gyomordaganatok keletkezéséhez patkányon. BENKŐ S., KOVÁCS K. and TISZAI A. Szegedi Orvostud. Egyetem I. sz. Belgyógyászati Klin., Szeged Kísérlet. Orvostud. 1957, 9/2 (172-178) Tables 1 Illus. 4

By injecting 1 mg. 3:4-benzpyrene dissolved in sunflower oil into the wall of the glandular stomach of white rats, precancerosis, early carcinoma and sarcoma were produced. Out of 137 animals, 7 (4.3%) showed early carcinoma and 13 (9%) sarcoma. One-third of the animals were treated with atropine, another third with physostigmine. These drugs exerted no significant effect on the genesis of carcinoma. It should be noticed that in the atropine group sarcoma developed in only one case, whereas the 2 other groups presented both 6 cases of sarcoma. In these experiments, the histological pathogenesis of the tumours could be studied up to the end.

BENKO SANDOR

Functional examinations in the study of the bone marrow. Magy. belorv.
arch. 10 no.2-3:90-93 Apr-June 57.

1. A Szegedi I. sz. Belgyógyászati Klinika Közleménye. Igazgató: Hetenyi
Geza dr., akadémikus, egyetemi tanár.

(BONE MARROW, physiol.

erythropoietic & thrombopoietic appar., method for funct.
test (Hun))

BENKO, S.

Pulmonary edema of dogs treated with myelotoxic serum and bone marrow suspensions. Acta med. hung. 10 no.4:349-361 1957.

1. I. Klinik fur Innere Medizin der Medizinischen Universitat, Szeged.
(IMMUNE SERUMS, eff.

induction of pulm. edema by simultaneous admin. of
myelotoxic serum & bone marrow cell suspensions in dogs.
(Ger))

(PULMONARY EDEMA, exper.

induction by simultaneous admin. of myelotoxic serum &
bone marrow cell suspensions in dogs (Ger))

BENKO, Sandor

Pulmonary edema in dogs treated with anti-bone marrow serum and bone marrow cell suspension. Magyar. belorv. arch. 10 no.5-6:191-196 Oct-Dec 57.

1. A szegedi Orvostudományi Egyetem, I. Belgyógyászati Klinikájának közleménye (igazgató: Hetényi Géza)

(PULMONARY EDEMA, exper.

induction by anti-bone marrow serum & bone cell suspension in dogs (Hun))

(IMMUNE SERUMS, inj. eff.

anti-bone marrow serum inducing pulm. edema in dogs (Hun))

(BONE MARROW

cell suspension & anti-bone marrow serum inducing pulm. edema in dogs (Hun))

~~BENKO~~ Sándor, dr.; SZUCS, Zsuzsanna, dr.; RAK, Kalman, dr.

Leading experiments on erythrocyte formation in normal dogs and in bone marrow lesions. Orv. hetil 98 no.14:356-358 7 Apr 57.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Hetenyi, Géza, dr., akadémikus egyet. tanár)
közleménye.

(HEMOPOIETIC SYSTEM

eff. of exper. anoxia on hemopoiesis in dogs &
influence of x-irradiation & nitrogen mustard (Hun))

(ANOXIA, exper.

eff. on hemopoiesis in dogs, influence of x-
irradiation & nitrogen mustard (Hun))

(ROENTGEN RAYS, eff.

on hemopoiesis in exper. anoxia in dogs)

(NITROGEN MUSTARDS, eff.

same)

BENKO, S., Dr.

Experimental and clinical facts about degranol. Ther. hung. 6 no.1:
15-18 1958.

1. University of Szeged, Medical School, First Medical Department
(Director: prof. G. Hetenyi) Szeged.

(NITROGEN MUSTARDS

1, 6-bis-(-chloroethylamino)-1, 6-desoxy-D-mannitol, exper.
& clin. evaluation of cytotoxic eff.)

(MANNITOL, related cpds.
name)

Handwritten: RAK, Kalman; KOVACS, Kalman; BENKO, Sandor

RAK, Kalman; KOVACS, Kalman; BENKO, Sandor

Storage and blood coagulation in methylcellulose treated rats. Kiserletes
orvostud 9 no.5-6:639-644 Oct-Dec 58.

1. Szegedi Orvostudományi Egyetem I. Belgyógyászati Klinikája.

(METHYLCCELLULOSE, eff.

on blood coagulation & storage of macromolecular material
in RE system in rats (Hun))

(RETICULOENDOTHELIAL SYSTEM, eff. of drugs on
methylcellulose inducing storage of macromolecular material
in rats (Hun))

(BLOOD COAGULATION, eff. of drugs on
methylcellulose in rats (Hun))

HORVATH, Eva; KOVACS, Kalman; BENKO, Sandor

Effect of cortisone on the tissue storage of methylcellulose. Kiserletes
orvostud. 10 no.2-3:155-159 Apr-June 58.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani Intézete
és I. sz. Belgyógyászati Klinikája.

(CORTISONE, eff.

on tissue storage of methylcellulose in rats (Hun))

(METHYLCELLULOSE, metab.

eff. of cortisone on tissue storage in rats (Hun))

EXCERITA MEDICA Sec 5 Vol 12/7 General Path. July 59

1877. RETICULOSES AND EXPERIMENTAL RETICULOSES BY METHYLCELLULOSE STORAGE - Reticulosokról és a methylcellulose tárolás okozta experimentális reticulosisról - Benkő S. Orvostud. Egyet. I. sz. Belgyógyászati Klin., Szeged - MAG. BELORV. ARCH. 1958, 11/4-5 (132-139) Graphs 4 Tables 3 Illus. 2

The morphology of the blood-forming organs after i. p. injections of a 2.5% aqueous solution of methylcellulose in white rats, twice a week during 4-5 weeks, was studied. The influence of this compound on plasma proteins, on the formation of immune substances, and on blood coagulation was studied as well. Methylcellulose is stored in the pulpa cells of the enlarged spleen and can be stained with congo red. Storage may be seen also in the Kupffer-cells of the liver, and in the reticulum cells of the adrenals and kidneys. The histological features of the glomeruli resembles that of Kimmelstiel-Wilson's syndrome. Cortisone increases accumulation of methylcellulose in the glomeruli. The storage causes anaemia, leucocytosis, reticulocytosis, hyperplasia of the erythropoietic apparatus in the bone marrow, and a decrease of the osmotic resistance of the red blood corpuscles; this is the consequence of haemolysis. Splenectomy influences the changes but very little, therefore the storage-hypersplenism is not to be considered as the only cause of the haemolysis. The author found, moreover, an increase of plasma globulins due to a new and pathological globulin fraction. This may be an antibody against the stored material. Haemolysin production and blood coagulation are decreased. Methylcellulose storage thus causes reticulosis with haemolysis and dysprotein-aemia. This condition can be considered as a model for the study of the pathogenesis of para- and dysproteinoses and of diseases caused by pathological proteins.

Sömegi - Stockholm

EXTRACTA MEDICA Dec 16 Vol 7/11 Cancer November 19

4824. **Reticuloses and experimentally induced reticuloses due to storage of methylcellulose** BENKÖ S. Dept. of Med., Med. Univ., Szeged. *Acta med. Acad. Sci. hung.* 1958, 12/1-2 (115-135) Graphs 4 Tables 3 illus. 6

The paper is divided into 2 parts: general review of the reticuloendothelial system and its functions, and presentation of animal experimental data and conclusions related to the responses of the RE system following introduction of methylcellulose. The author divides reticuloendothelial alterations into 3 phases: phase 1 includes the initial degenerative and proliferative changes incited by various agents; phase 2 includes the anatomic and symptomatic alterations resulting from the reticuloendothelial responses; phase 3 is the secondary state resulting from the formation of pathological proteins and the interplay of these proteins and antibodies. These 3 phases are suggested on the basis of observations of the RE system stimulated with methylcellulose. Analogous clinical states are cited. Kuzma - Milwaukee, Wis.

BENKO, S.

"Climatic-biological investigations on human beings and vegetal micro-organisms." p. 332

IDQJAMS. (Meteorologiai Intezet es Magyar Meteorologiai TARSASAG)
Budapest, Hungary, Vol. 62, no. 6, Nov./Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959.
Uncl.

EXCERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1598. **Experimental and clinical experiences with degranol** Késérleti és klinikai tapasztalatok Degranollal. BENKO S. Szegedi I. sz. Belgyógyászati Klin., Szeged *Orv. Hetil.* 1958, 99/27 (914-917) Tables 4 Illus. 1

In animal experiments this drug prevented the leucocytosis caused by myelotoxic serum. When given intra-arterially it significantly reduced the growth of the Brown-Pearce carcinoma and the formation of metastases. In chronic myeloid and lymphoid leukaemias and in the treatment of metastases of not too malignant tumours it also proved to be beneficial.

Stanley Philadelphia, Pa.

BENKO, Sándor; BALAZS, Viktor; FRÖHLICH, Margit; HORVÁTH, Éva; KOVÁCS, Kálmán;
FELKAI, Béla; RAK, Kálmán

Pulmonary arteritis and changes of serum lipoproteins in dogs
after intravenous administration of methylcellulose. Magy.
belorv. arch. 13 no.1:13-16 Mr '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati
Klinikájának (igazgató: Hetényi, Géza, dr. [deceased], egyetemi
tanár) és Kórházának Intézetének (igazgató: Korpássy, Béla, dr.,
egyetemi tanár) közleménye.

(METHYLCCELLULOSE pharmacol.)

(LIPOPROTEINS blood)

(PULMONARY ARTERY dis.)

(ARTERITIS exper.)

RENKO SANDOR, dr.

On the pathogenetic significance of auto- and isoimmunization
in hematological diseases. *Magy.belorv.arch.* 13 no.4:97-104
Ag '60.

1. A Szegedi Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató:
Dr. Julesz Miklós egyetemi tanár) közleménye.
(BLOOD DISEASES immunol)

BENKO, Sándor, dr.; MACHER, Aniko, dr.; SZARVAS, FERENC, DR.; TIBOLDI,
Tibor, dr.

Effect of aromatic oils on atherosclerosis in rabbits caused by
cholesterol diet. (Preliminary communication). Orv.hetil. 101
no.27:949-950 3 JI '60.

1. Szegedi Orvostudományi Egyetem, I. sz. Belgyógyászati Klinikája
(ARTERIOSCLEROSIS exper)
(OILS VOLATILE pharmacol)
(CHOLESTEROL)

BALAZS, Viktor; BACKHAUSZ, Richard; FROHLICH, Margit; BENKO, Sándor

Immuno-chemical investigation of the serum-protein changes of
experimental storage reticulosis. Biol orv kozl MTA 11 no.4:441-455
'60. (EEAI 10:5)

1. Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinikája
és a Human Oltóanyagtermelő és Kutató Intézet, Budapest.
(RETICULOSIS)
(SERUM PROTEIN)
(IMMUNOCHEMISTRY)

ERDI, Pal, dr.; BENKO, Sandor

Lessons from the Santa Croce Sull' Arno congress and the
Vigevano fair. Bor cipo 10 no.1:17-23 Ja '60.

1. Ujpesti Borgyar; "Bor- es Cipotechnika" szerkeszto bizott-
sagi tagja (for Erdi). 2. Bor- es Cipcpari Igazgatóság (for Benko).

RENKO, Sandor

Appraisal of the up-to-date machines of the shoe industry. For
Cipo 11 no.5:150-152 S '61.

1. Bor- es Cipoipari Igazgatosag.

BENKO, Sandor

Study of hemorrhagic diathesis in various diseases with special reference to capillary lesions. Magy' belorv. arch. 14 no.2:45-52 My '61.

1. Szegedi Orvostudományi Egyetem I sz. Belgyógyászati Klinikájának közleménye (Igazgató: dr. Julesz Miklós egyetemi tanár)

(HEMORRHAGIC DIATHESIS diag)

BENKO, S.; TIBOLDI, T.

The pathoproteinaemias. Acta med. hung. 17 no.3/4:225-234 '61.

1. First Department of Medicine (Director: M. Julesz), University Medical School, Szeged.

(BLOOD PROTEINS chemistry)

FAREDIN, I.; BENKO, S.; WINTER, M.; BOTCS, A.; HETENYI, G.

Pathological changes in the adrenaline and noradrenaline contents of arterial vessel walls in the dog. Acta med. hung. 17 no.3/4:247-255 '61.

1. First Department of Medicine (Director: M. Julesz) and First Department of Surgery (Director: G. Petri), University Medical School, Szeged.

(ARTERIES chemistry)
(HYPERTENSION experimental)
(EPINEPHRINE chemistry)
(NOREPINEPHRINE chemistry)

BENKO, Sandor, dr.; TIBOR, Tiboldi, dr.

Pathoproteinemia. Orv.hetil. 102 no.30:1400-1404 23 J1 '61.

1. Szegedi Orvostudományi Egyetem, I. sz. Belklinika.

(BLOOD PROTEINS)

BENKO, Sandor

Modern machines - on the basis of Western experiences. (To be contd.) Bor cipo 12 no.2:58-60 Mr '62.

1. Bor- es Cipoipari Igauagosag

RINGS 517

SILKO, London; KALINS, Vixtor; FROBLICH, Sargis; M. KAHN,
Eve; R. F. ADAMS, Kaman; GEMARIN, Wilkes; FRANKE, Phil; W.,
KALININ; I. Clinic of Internal Medicine and Institute of
Pathological Anatomy of the Medical University, Leningrad;
Malya Aggrem. I. an. Beiklikina et Kombarovskii Institut,
Sze.-si.

"Fluorimetry Studies upon the Administration of Anthracene-9-
 Iose Intravenously and the Effect of Dextrose and of the
 Dilute of Naccharionia Cell Liquid Cultured."

Budapest, Kiserletes Orvostudomány, Vol. 14, n. 1, oct. 19, p. 515-519.

Abstract: [Authors' Hungarian Summary] Continuous, subcutaneous administration of methylcellulose results in the development of proliferative pulmonary arteritis and an increase in the serum cholesterol level. Cortisone administration has no effect on the latter but it reduces the proliferative blood vessel inflammation. Celi culture filtrate lowers the cholesterol and cholesterol ester levels significantly and also the methylcellulose- and lipid deposition. 1/1 [1 reference, many citations.]

BENKO, Sandor, dr.

Auto-aggression as a pathogenic factor of transplantation disorders.
Orv. hetil. 103 no.17:783-791 29 Ap '62.

1. Szegedi Orvostudományi Egyetem, I Belklinika.

(ALLERGY etiol) (TRANSPLANTATION compl)

BENKO, Sándor; BALAZS, Viktor; FRÖHLICH, Margit; HORVATH, Eva; KOVACS, Kalman;
CSANADI, Miklós; FELKAI, Béla; RAK, Kalman

Pulmonary granuloma caused by the intravenous administration of
methylcellulose and its sensitivity to cortisone and to Escherichia
coli culture broth. Kiserl. orvostud. 14 no.5:515-519 0 '62.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika és Kóronctani
Intézet.

(LUNG)	(GRANULOMA)	(METHYLCELLULOSE)
(ESCHERICHIA COLI)	(CORTISONE)	(BLOOD CHOLESTEROL)

[HUNGARY

7 2
SZARVAS, F., BENKO, S., TIBOLDI, T., MAGHOS, A., DEMONKOS, G.; Medical University of Szeged, I. Medical Clinic and Agricultural Department of the City Council of Szeged (Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinikája és Szeged Városi Tudós Mezőgazdasági Osztálya).

"Investigations on the Effect of Rowaskleron on Chickens With a Quantitative Cholesterol Intake."

Budapest, Kiserletes Orvostudomány, Vol. XX, No. 3, June 1963, pp 244-249.

Abstract:[Authors' Hungarian summary] Atherosclerosis was induced on young cocks with a method suitable for a quantitative intake of cholesterol. The developing hypercholesterinemia, hyperlipemia and increase of β -lipoprotein was greatly reduced by Rowaskleron which contains terpenes. The treated group showed a microscopically observable difference in the sclerosis of the thoracic aorta and fatty degeneration of the liver. The increase of the serum bilirubin level observed in the control group, was not found among animals treated with Rowaskleron. The data are insufficient for the determination of the mechanism of action but point to the role of the liver. 1 Hungarian, 10 Western references.

I/1

BENKO, Sandor, dr.; TIBOLDI, Tibor, dr.; BARDOS, Jozsef, dr.

Effect of terpenes on cancer in mice caused by benzopyrene, Magy.
onkol. 7 no.4:209-214 D '63.

1. Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinika.

SZARVAS, Ferenc; SCHNEIDER, Imre; BENKO, Sandor

Examination of the effect of serotonin in the early phase of liver damage caused by carbon tetrachloride. Kiserl., orvostud. 15 no.6:606-610. D '63.

1. Szegedi Orvostudományi Egyetem I Belklinika és Borklinika,
(SEROTONIN) (PHARMACOLOGY)
(CARBON TETRACHLORIDE POISONING)
(ASPARTATE AMINOTRANSFERASE)
(SUCCINATE DEHYDROGENASE)
(LIVER ENZYMOLOGY)
(HEPATITIS, TOXIC)

BT 0000, 000000 1000 0000, 0000; KATZ, 1000, 0000

Study of fetal (alkali-dest) hemoglobin in relation to the
hepatocellular carcinoma in adults and. Gen. Med. 1000, 0000
100-100 000 000

1. Shigali Omestromov, Egypt, I. Iskhak (1000
Kazan, Yevgeny, 1000)

AT0001846

SOURCE CODE: HU/0021/65/000/001/0043/0047

AUTHOR: Sovenyi, Ervin--Sheven'i, R. (Doctor); Laszlo, Ferenc--Laslo, F. (Doctor); Benke, Sandor--Benke, Sh. (Doctor)

ORG: Radiology Clinic, Medical University of Szeged, Szeged (Szegedi Orvostudományi Egyetem Röntgenklinikájának és I. sz. Belgyógyászati Klinikájának)

TITLE: Effects of methylcellulose storage and whole body irradiation on the survival of mice

SOURCE: Magyar Radiologia, no.1, 1965, 43-47

TOPIC TAGS: experiment animal, radiology, radiation biologic effect, cellulose, irradiation

ABSTRACT: Experiments on mice revealed that a single dose of methylcellulose or its prolonged administration had an unfavorable effect on the mortality of mice which received whole body irradiation with sublethal doses. According to histological examinations, the storage function of the RES remained uncharged by the radiation. The regenerative ability of the hemopoietic system of animals treated with methylcellulose was more seriously impaired than that of the untreated ones. Orig. art. has: 3 figures and 3 graphs. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 030

Card 1/1 jw

surface membrane of the erythrocytes. The immune reaction was demonstrated quite visibly in form of electron microscopy.

"Strenuous" paper "cont." (15 to cont.) 1. 1. [J. Edgar Hoover, 1937, Vol. 1, p. 2, 1937, 2nd ed.]

30: Monthly list of all persons who have been arrested, charged, or convicted of a crime, and the date of arrest, charge, or conviction.

Journal of Applied Chemistry
March 1954
Fibres

Chemistry of the bleaching of vegetable fibres. *J. Text. Inst.* 1953, 44, A711. Reactions involved in the bleaching of cotton with hypochlorite are discussed with reference to the causes of damaged fibres. R. B. CLARKE

"Problem of the strength of paper when wet." p. 337. (Kemija i Industrija. Vol. 2, no. 11, 1953. Zagreb)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.

BINKO, S.

Felts in the paper industry. p. 509.

(TEKSTIL. Vol. 6, No. 6, June 1967, Zagreb, Yugoslavia)

So; Monthly List of East European Accessions (LEAL) Lc. Vol. 6, No. 10, October 1967. Incl.

YUGOSLAVIA/Chemical Technology. (Chemical Products and Their
Application. Cellulose and Derivatives. Paper.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45330.

Author : Denko, Stane

Inst :

Title : Chlorine Dioxide -- A Modern Bleaching Agent for
Cellulose. I, II.

Orig Pub: Tehnika, 1957, 12, No 2, Hem. ind., 11, No 2, 17-21;
Tehnika, 1957, 12, No 3, Hem. ind., 11, No 3, 38-44.

Abstract: Of the six patented methods for the production of
 ClO_2 , a description is given of the method of
Kesting [transliterated] which is of particular
importance, chemically and technologically, as the
best method for the production of cheap ClO_2 . Equip-
ment is described for the production of ClO_2 according

Card 1/2

BINKO, S.

Chlorine dioxide, a modern means of bleaching cellulose. Pt. 2. p. 446.
(Tehnika, Vol. 12, no. 3, 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) L3, Vol. 6, no. 7, July 1957, Unci.

YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application. Cellulose and Derivatives Paper.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45331.

Author : Denkoj Stane.

Inst : _____

Title : Bleaching of Cellulose with Chlorine Dioxide.

Orig Pub: Tehnika, 1957, 12, No 8, Hem. ind., 11, No 8,
117-120.

Abstract: Consideration of chemical and technical aspects of
the process of bleaching of cellulose with ClO_2
and also its prospects.

Card : 1/1

TEMKO, S.

Bleaching of cellulose by means of Chlorine dioxide. p. 1301.

(TEHNIKA. Col. 12, No. 8, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (FIAL) Ic. Vol. 6, No. 10, October 1957. Uncl.

BENKO, Tibor

Moscow notes. Auto moter 17 no. 4:23 21 F '64.

BENKO, V.

"On mucolytic properties of ticks". Inst. for Chemistry Kariju & Inst. for Parasitology,
Vet. Fac., Univ. of Zagreb.

Vet. Arch. 22 : 344-349, 1952

BENO, V.

The Cachtice underground labyrinths. p. 376

KRASY SLOVENSKA (Poverenictvo Dopravy. Riaditeľstvo pre cestovný ruch)
Bratislava Czechoslovakia

Vol. 36, no. 10, Oct. 1959

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 1 January 1960
Uncl.

BENKO, V., doc., inz., CSc.; HEMEL, S., prof., dr. inz.; VITK, L., inz.

Contribution to the study of sorption and phosphorus
freeing in gray-brown podzolic soil and podzolized soil.
Rost výroba 9 no.11:1209-1216 H '63.

1. Vysoka skola polnohospodarska, Nitra, fakulta agronomicka,
katedra agrochemie.

DERBIKOV, I.V.; MEN'KO, Ye.I.

Diagram of tectogenetics in the Meso-Cenozoic of the West Siberian
Lowland. Izv. Sib. otd. AN SSSR no.4:29-32 '58. (MIRA 11:9)

1.SNIIGGIMS.
(Siberia, Western--Geology, Structural)

YEKHAMIN, Ye.V.; BEN'KO, Ye.I.

Seismic prospecting data on Mesozoic and Cenozoic tectonic
movements in the middle Irtysh Valley. Trudy SNIIGIMS no.1-152-
160 '59. (MIRA 15:4)
(Irtysh Valley--Geology, Structural)
(Seismic prospecting)

DERBIKOV, I.V.; BEN'KO, Ye.I.

Tectonics of Mesozoic and Cenozoic sediments in the southern part of the West Siberian Plain in the light of the variational analysis of geological and geophysical data. Sov.geol. 2 no.10: 67-80 0 '59. (MIRA 13:4)

1. Sibirskiy filial nauchno-issledovatel'skogo instituta geofiziki (VNIIGeofizika).
(West Siberian Plain--Geology, Structural)